

Exhibit A

16 Jun 2005

Alignment Results

Alignment: Global Protein alignment against reference molecule
Parameters: Scoring matrix: BLOSUM 62

Reference molecule: SEQIDNO:2, Region 1-313

Number of sequences to align: 2

Settings: Similarity significance value cutoff: >= 60%

Summary of Percent Matches:

Reference:	SEQIDNO:2	1 -	313	(313 aa)	--
Sequence 2:	SEQIDNO:24	1 -	288	(288 aa)	89%

SEQIDNO:2	1	MSSSNWIDDAFTEEEELAIDAIEASYNFSRSSSSSSAAPTVQATTSVHGHEEDPNQIPN
SEQIDNO:24	1
SEQIDNO:2	61	NIRQLPRSITSSTS YKRFPLSRCRARNFPAMRGGRILYSKTATEVDKRAMQLIKVLDT
SEQIDNO:24	61
SEQIDNO:2	121	KRDESGIAFVGLDIEWRPSFRKGVLPGKVATVQICVDSNYCDVMHIFHSGIPQSLQHLIE
SEQIDNO:24	121
SEQIDNO:2	181	DSTLVKGIGIDGDSVKLFHDYGVSIKDVEDLSDLANQKIGGDKKWGLASLTETLVCKEL
SEQIDNO:24	181
SEQIDNO:2	241	LKPNRIRLGNWEFYPLSKQQLQYAATDAYASWHLYKVTTTKNHLTLNDLEAKISHRSNY
SEQIDNO:24	241-----K..PDAV.GS---
SEQIDNO:2	301	NTVTCRKPGGYLR
SEQIDNO:24	289	-----

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Pos	Sequence	Start	End	Length	Matches	%Matches
Ref 1	SEQIDNO:2	1	313	313 aa		
2	SEQIDNO:24	1	288	288 aa	281	89